

No. 900

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 1/2 Steel Plate manufactured by Messrs J & W Beardmore of Parkhead for Boiler No. 73476 to be constructed by Messrs Muir & Houston of Glasgow for

Date first visit Feb 9th 1883 last visit Mar 22nd 1883 No. of Visits 8

The 1/2 Plate specified in the accompanying copy of Advice Notes were rolled from 45 charges. The tensile test has been applied to 9 samples as set forth below, and the temper and bending tests to a shearing from each plate, with satisfactory results

When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

No.	Purpose.	Charge Mark.	No. of plates or bars in same charge	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Shell Plate	K360	4	1222	.7	1.27	.889	24.63	27.7	20.	
2	"	7417	1	1269	.7	1.28	.882	25.6	29.	25.	
3	"	K418	1	1302	.69	1.24	.855	24.08	28.1	24.	
4	End Plate	K298	1	1423	.79	1.14	.9	26.25	29.1	27.	
5	Furnace	A331	1	1521	.57	1.49	.759	21.82	28.7	25.5	
6	End Plate	724	1	1772	.74	1.27	.939	26.23	27.9	23.	
7	Wome end	A68	2	1219	.5	1.44	.72	20.48	28.4	25.	
8	Comb. Chamf	D51	1	1206	.4	1.46	.671	18.45	27.4	23.	
9	Furnace Butt Straps	K77	11	1895	.48	1.52	.729	20.98	28.7	22.	

D.P.
4/6/83

Fee £ : :

Expenses £ : :

£ : :

To be paid by The Steel Manufacturers Glasgow